This Week in Science ...................................................... 427

LETTERS
Uranium Enrichment: M. Steinberg; Morphological Correlations: C. T. Nuzum; A Glimpse of the Future?: A. S. Bechhoefer ...................................................... 428

EDITORIAL
Addons and Catchons ...................................................... 429

ARTICLES
Dispersal Pathways for Particle-Associated Pollutants: R. A. Young, D. J. P. Swift, T. L. Clarke, G. R. Harvey, P. R. Betzer .............................. 431
Wallace H. Carothers and Fundamental Research at Du Pont: J. K. Smith and D. A. Hounshell .............................. 436
Mainbelt Asteroids: Dual-Polarization Radar Observations: S. J. Ostro, D. B. Campbell, I. I. Shapiro ........................................... 442

NEWS AND COMMENT
HHS Halts Animal Experiment ........................................... 447
Low-Level Waste Deadline Looms ........................................ 448
Briefing: Wildlife Group Files Suit on Wilderness Access; U.S. Meat Inspection Needs Modernization; OECD Warns of Technological Nationalism; Committee Hits DOE on Project Write-offs ............... 450
Panel Says Warheads Are Too Costly ........................................ 452

RESEARCH NEWS
X-ray Drought Ending at Brookhaven's NSLS ................................ 453
BOOK REVIEWS


Smoke Production from Multiple Nuclear Explosions in Nonurban Areas: R. D. Small and B. W. Bush

Neurovisceral and Skeletal GM₁-Gangliosidosis in Dogs with β-Galactosidase Deficiency: J. Alroy et al.


Protein-Specific Helper T-Lymphocyte Formation Initiated by Dendritic Cells: K. Inaba and R. M. Steinman


Cis- and Trans-Acting Transcriptional Regulation of Visna Virus: J. L. Hess, J. E. Clements, O. Narayan


Cover

Flowering and fruiting stages of Senecio vulgaris L. (common groundsel). It is a member of the Compositae (Asteraceae), commonly called the sunflower family, which is now distributed worldwide. These plants contain macrocyclic pyrrolizidine alkaloids which, when consumed, are known hepatotoxins to both humans and livestock. Trans-4-hydroxy-2-hexenal, a metabolite recently isolated from the macrocyclic pyrrolizidine alkaloid senecionine appears to play an important role in the hepatotoxicity. See page 472. [A. Mariani, in collaboration with H. J. Segall, Veterinary Pathology and Veterinary Pharmacology and Toxicology, University of California, Davis 95616]
229 (4712)

Science 229 (4712), 427-489.